



Sheet 1 of 5

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
36080-01101SERIAL NO.
10/062,650

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT

Neil R. McLELLAN et al.

FILING DATE

January 31, 2002

GROUP ART UNIT

2812

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CAI	Re. 36,773	7/11/00	Nomi et al.			
CAI	3,838,984	10/1/74	Crane et al.			
CAI	5,157,480	10/20/92	McShane et al.			
	5,200,362	4/6/93	Lin et al.			
	5,258,094	11/2/93	Furui et al.			
	5,273,938	12/28/93	Lin et al.			
	5,285,352	2/8/94	Pastore et al.			
	5,435,057	7/25/95	Bindra et al.			
	5,521,432	5/28/96	Tsuji et al.			
	5,596,231	1/21/97	Combs			
	5,641,997	6/24/97	Ohta et al.			
	5,583,377	12/10/96	Higgins III			
	5,594,275	1/14/97	Kwon et al.			
	5,642,261	6/24/97	Bond et al.			
	5,663,593	9/2/97	Mostafazadeh et al.			
	5,710,064	1/20/98	Song et al.			
	5,796,038	8/18/98	Manteghi			
EXAMINER			DATE CONSIDERED	7/11/03		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ac</i>		5,805,419	9/8/98	Hundt et al.			
		5,814,883	9/29/98	Sawai et al.			
		5,847,455	12/8/98	Manteghi			
		5,859,471	1/12/99	Kuraishi et al.			
		5,877,043	3/2/99	Alcoe et al.			
		5,884,396	3/23/99	Lin			
		5,894,108	4/13/99	Mostafazadeh et al.			
		5,903,052	5/11/99	Chen et al.			
		5,920,117	7/6/99	Sono et al.			
		5,977,640	11/2/99	Bertin et al.			
		5,991,156	11/23/99	Bond et al.			
		6,001,671	12/14/99	Fjelstad			
		6,011,694	1/4/00	Hirakawa			
		6,015,722	1/18/00	Banks et al.			
		6,043,559	3/28/00	Banerjee et al.			
		6,060,777	5/9/00	Jamieson et al.			
		6,072,233	6/6/02	Corisis et al.			
EXAMINER <i>[Signature]</i>				DATE CONSIDERED <i>7/11/03</i>			
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CML	6,093,960	7/25/00	Tao et al.			
	6,130,477	10/10/00	Chen et al.			
	6,143,981	11/7/00	Glenn			
	6,172,419B1	1/9/01	Kinsman			
	6,184,463B1	2/6/01	Panchou et al.			
	6,188,127	2/13/01	Senba et al.			
	6,201,266B1	3/13/01	Ohuchi et al.			
	6,201,292	3/13/01	Yagi et al.			
	6,215,180B1	4/10/01	Chen et al.			
	6,239,496B1	5/29/01	Asada			
	6,246,115B1	6/12/01	Tang et al.			
	6,249,052B1	6/19/01	Lin			
	6,259,154B1	7/10/01	Niwa			
	6,278,190B1	8/21/01	Tomita			
	6,282,094B1	8/28/01	Lo et al.			
	6,294,406B1	9/25/01	Bertin et al.			
6,294,840B1	9/25/01	McCormick				
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Cal		6,303,997B1	10/16/01	Lee			
		6,307,755B1	10/23/01	Williams et al.			
		6,310,403B1	10/30/01	Zhang et al.			
		6,313,522B1	11/6/01	Akram et al.			
		6,316,838B1	11/13/01	Ozawa et al.			
		5,397,921	3/14/95	Karnazos			
		5,409,865	4/25/95	Karnazos			
		5,596,231	1/21/97	Combs			
		5,843,808	12/1/98	Karnazos			
		6,111,324	8/19/00	Sheppard et al.			
		6,229,200	5/8/01	McLellan et al.			
		6,242,281	6/5/01	McLellan			
		6,284,569	9/4/01	Sheppard et al.			
		6,285,075	9/4/01	Combs et al.			
		6,294,100	9/25/01	Fan et al.			
		6,429,048	8/6/02	McLellan et al.			
EXAMINER C. J. [Signature]				DATE CONSIDERED 7/11/03			
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CA		6,498,099	12/24/02	McLellan et al.			
CA		2001/0000924A1	5/10/01	Karnozos et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)							
CA		Amkor Technology, www.amkor.com , Data Sheet for Laminate, Rev. Date 1/01 (2pages)					
		U.S. Non-Provisional Patent Application for "Enhanced Thermal Dissipation Integrated Circuit Package and Method of Manufacturing Enhanced Thermal Dissipation Integrated Circuit Package" (Serial No. 09/902,878)					
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	APPLICANT Neil R. McLellan	
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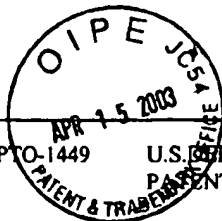
U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,172,213	12/15/92	Zimmerman			
	5,485,037	1/16/96	Marrs			
	5,854,511	12/29/98	Shin et al.			
	6,091,603	7/18/00	Daves et al.			
	6,104,086	8/15/00	Ichikawa et al.			
	6,236,568	5/22/01	Lai et al.			
	6,265,771	7/24/01	Ference et al.			
	2002/0079570	6/27/02	Ho et al.			

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	5,693,572	12/2/97	Bond et al.			
	5,679,978	10/21/97	Kawahara et al.			
	6,396,143	5/28/02	Kimbara et al.			
	5,620,928	4/15/97	Lee et al.			
	6,433,360	8/31/02	Dosdos et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

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Neil R. McLELLAN et al.

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GROUP ART UNIT

2825

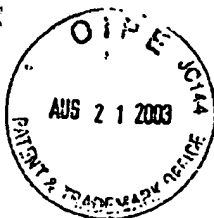
U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CAL	3,908,075	9/1975	Jackson et al.			
	3,942,245	3/1976	Jackson et al.			
	4,501,960	2/1985	Jouvet et al.			
	4,674,175	6/1987	Stampfli			
	4,701,781	10/1987	Sankhagowit			
	4,975,765	12/1990	Ackermann et al.			
	5,023,202	6/1991	Long et al.			
	5,041,395	8/1991	Steffen			
	5,122,860	6/1992	Kikuchi et al.			
	5,157,475	10/1992	Yamaguchi			
	5,175,612	12/1992	Long et al.			
	5,285,105	2/1994	Cain			
	5,334,857	8/1994	Mennitt et al.			
	5,366,933	11/1994	Golwalkar et al.			
	5,420,460	5/1995	Massingill			
	5,474,957	12/1995	Urushima			
CAL	5,482,736	1/1996	Glenn et al.			
EXAMINER				DATE CONSIDERED	2/6/04	

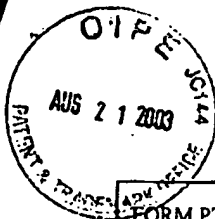
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CAL		5,482,898	1/1996	Marrs			
		5,556,807	9/1996	Bhattacharyya et al.			
		5,596,485	1/1997	Glenn et al.			
		5,672,909	9/1997	Glenn et al.			
		5,796,163	8/1998	Glenn et al.			
		5,867,368	2/1999	Glenn			
		5,886,397	3/1999	Ewer			
		5,900,676	5/1999	Kweon et al.			
		5,905,304	5/1999	Ewer et al.			
		5,939,784	8/1999	Glenn			
		5,949,655	9/1999	Glenn			
		5,950,074	9/1999	Glenn et al.			
		5,962,810	10/1999	Glenn			
		5,981,314	11/1999	Glenn et al.			
		6,034,429	3/2000	Glenn et al.			
		6,081,029	6/2000	Yamaguchi			
CAL		6,092,281	7/2000	Glenn			
EXAMINER <i>CAL</i>				DATE CONSIDERED 2/6/04			
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CAI		6,117,193	9/2000	Glenn			
		6,117,705	9/2000	Glenn et al.			
		6,143,588	11/2000	Glenn			
		6,150,193	11/2000	Glenn			
		6,198,163	3/2001	Crowley et al.			
		6,214,644	4/2001	Glenn			
		6,228,676	5/2001	Glenn et al.			
		6,242,281	6/2001	McLellan et al.			
		6,246,566	6/2001	Glenn			
		6,258,629	7/2001	Niones et al.			
		6,266,197	7/2001	Glenn et al.			
		6,274,927	8/2001	Glenn			
		6,281,241	8/2001	Elsner			
		6,281,568	8/2001	Glenn et al.			
		6,285,075	9/2001	Combs et al.			
		6,291,884	9/2001	Glenn et al.			
CAI		6,294,100	9/2001	Fan et al.			
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Cal		6,294,830	9/2001	Fjelstad			
		6,326,678	12/2001	Karnozos et al.			
		6,429,048	8/2002	McLellan et al.			
		6,429,508	8/2002	Gang			
		6,444,498	9/2002	Huang et al.			
		6,452,255	9/2002	Bayan et al.			
		6,458,626	10/2002	Huang et al.			
		6,498,099	12/2002	McLellan et al.			
		6,552,417	4/2003	Combs			
Cal		6,566,740	5/2003	Yasunaga et al.			
FOREIGN PATENT DOCUMENTS							
Cal		3-198368	8/29/91	Japan			
Cal		2 609 841	1/20/87	France			
OTHER DOCUMENTS (including author, title, date, pertinent papers etc.)							
Cal		English Translation of JP Laid Open Patent Application No. 3-198368 (3 pages)					
		English Translation of French Publication No. 2 609 871 (14 pages)					
		U.S. Patent Application No. 09/902,878 filed July 11, 2001 by Combs et al.					
		U.S. Patent Application No. 10/062,896 filed January 31, 2002 by Pedron et al.					
		U.S. Patent Application No. 10/104,263 filed March 22, 2002 by Combs et al.					
Cal		U.S. Patent Application No. 10/178,372 filed June 24, 2002 by Pedron et al.					
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	6,104,086	8/15/00	Ichikawa et al.				
	6,236,568	5/22/01	Lai et al.				
	6,265,771	7/24/01	Ference et al.				
<i>CAR</i>	2002/0079570	6/27/02	Ho et al.				
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	5,620,928	4/15/97	Lee et al.				
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CAR		2001/0000924A1	5/10/01	Karnozos et al.			
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)							
		Amkor Technology, www.amkor.com Data Sheet for Laminate, Rev. Date 1/01 (2pages)					
		U.S. Non-Provisional Patent Application for "Enhanced Thermal Dissipation Integrated Circuit Package and Method of Manufacturing Enhanced Thermal Dissipation Integrated Circuit Package" (Serial No. 09/502,878)					
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NY2:4493348